

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of

Karl EXEL et al

Group Art Unit: **3744**

Serial No: **10/045,011**

Examiner:

Filed : **January 14, 2002**

For : **MIRROR FOR LASER APPLICATIONS AND
METHOD FOR MANUFACTURE OF SAID MIRROR**

PRELIMINARY AMENDMENT

Commissioner of Patents and Trademarks
Washington, DC 20231

Dear Sir:

Please amend the application as follows:

In the Specification:

Please substitute new paragraph 42 as provided herebelow for paragraph 42 as originally filed in this application. We are also including a marked-up copy of paragraph 42 herewith.

[042] As depicted in Figures 3 and 4, these cooler layers **11** are structured, i.e. provided with a plurality of openings and material stays surrounding these openings, in such a way they form two chambers **12** and **13** for the inlet and outlet of a preferably liquid coolant, for example water, and between these chambers a cooling area **14** with a finely structured network of passageways formed by the openings **11'** for the coolant, which paths continuously branch out in all three perpendicular spatial axes, so that the coolant flows through this cooling area **14** being constantly diverted in all three spatial axes, thus producing an intensive cooling effect.